

Electronic Acknowledgement Receipt

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| EFS ID: | 7880568 |
| Application Number: | 10750549 |
| International Application Number: | |
| Confirmation Number: | 5586 |
| Title of Invention: | METHODS AND APPARATUS TO CONTROL TRANSMISSION OF A MULTICARRIER WIRELESS COMMUNICATION CHANNEL THROUGH MULTIPLE ANTENNAS |
| First Named Inventor/Applicant Name: | Sumeet Sandhu |
| Customer Number: | 45209 |
| Filer: | Edwin Taylor/Chester Vistan |
| Filer Authorized By: | Edwin Taylor |
| Attorney Docket Number: | 042390.P17433 |
| Receipt Date: | 23-JUN-2010 |
| Filing Date: | 31-DEC-2003 |
| Time Stamp: | 20:18:20 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-----------------|
| Submitted with Payment | yes |
| Payment Type | Deposit Account |
| Payment was successfully received in RAM | \$1810 |
| RAM confirmation Number | 6187 |
| Deposit Account | 022666 |
| Authorized User | |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: | |
| Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees) | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/Message Digest | Multi Part/.zip | Pages (if appl.) |
|-----------------|-----------------------------|-------------------------------|---|-----------------|------------------|
| 1 | Issue Fee Payment (PTO-85B) | P17433_ISSUE_FEE_06_23_10.pdf | 101142 a3e5abed044ddfb47ab418c5c0ec94c4fffb83365 | no | 1 |

Warnings:**Information:**

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|---|-------------------------|--------------|---|----|---|
| 2 | Fee Worksheet (PTO-875) | fee-info.pdf | 32007 b3acc569007e804a60d2d546fca7e94851fca5c9 | no | 2 |
|---|-------------------------|--------------|---|----|---|

Warnings:**Information:****Total Files Size (in bytes):**

133149

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.